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Total Number of Pages in This Submission

8

Application Number 09/884,736

Filing Date June 19, 2001

First Named Inventor Catabay, Wilbur G.

Art Unit 2891

Examiner Name Zarneke, David A.

Attorney Docket Number 00-654/RCE

### ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD  Remarks  - Issue Fee Payment	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1. Return Postcard
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### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	LSI Logic Corporation		
Signature			
Printed name	Timothy R. Croll		
Date	6 JUN 05	Reg. No.	36,771

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Signature			
Typed or printed name	Mark Salvatore	Date	6-8-05

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# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## In re Application of :

Wilbur Catabay  
Wei-Jen Hsia



Serial No. : 09/884,736

Group Art Unit : 2829

Filed : June 19, 2001

Examiner : Zarneke, David

For : In-Situ Plasma Treatment of Low-K  
Films to Generate a Non-  
Homogenous Film for use as an  
Etch Stop and or Hardmask in  
Damascene Structures

Atty Docket : / 00-654/RCE

I hereby certify that this correspondence is being deposited with the U.S.  
Postal Service as First Class Mail in an envelope addressed to: Commissioner  
for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the date below:

Mark Salvatore

June 8, 2005

Date

A handwritten signature in black ink, appearing to read "Mark Salvatore".

Signature

## SUBMISSION OF FORMAL DRAWINGS PURSUANT TO 37 C.F.R. §1.85

### Official Draftsman

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicant hereby substitutes the enclosed formal drawings for those presently in the above referenced application.

LSI Logic Corporation  
1621 Barber Lane, MS D-106  
Milipitas, CA 95035  
408-433-7475

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Timothy Croll".

Timothy Croll

Reg. No. 36,771

Date: 6 JUNE 05